

Esref Ozturk

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| EMPLOYMENT | Software Engineer (June 2016 - Present) Udemy Inc. , METU Technopolis <ul style="list-style-type: none">R&D on search functionality of <i>www.udemy.com</i> Python, Django, Elastic Search |
| | Software Engineer (February 2016 - May 2016) STM Defence Technologies & Engineering Inc. , Ankara <ul style="list-style-type: none">R&D on automated hardening platform for many systems including various OSes(Windows, Linux, FreeBSD...), web servers, mail servers. Python, Django, Hardening |
| | Software Developer (April 2014 - January 2016) Cyber Warfare Lab, Labris Networks , METU Technopolis <ul style="list-style-type: none">R&D on Labris UTM, a Centos derived Linux distribution designed for unified thread management. C++, Python, Bash, Postgresql, Centos, LDAP, UTM |
| | Contracted Software Developer (June 2014 - September 2014) TUBITAK (The Scientific and Technological Research Council of Turkey) <ul style="list-style-type: none">Developed a kernel module that provides multiple clipboards for Debian based operating systems. More information at http://multiclip.github.io. C, Python, Kernel Hooks, X11 |
| | Software Engineering Intern (June 2014 - July 2014) Hazelcast , Istanbul R&D Office <ul style="list-style-type: none">Developed sample Hazelcast integration modules of Hibernate 2nd Level cache and Spring. More information at https://github.com/hazelcast/hazelcast-code-samples. Java, Hazelcast, Derby, Hibernate, Spring |
| | Software Engineering Intern (June 2013 - September 2013) Kovan Research Lab , METU <ul style="list-style-type: none">Developed a web application that lets instructors prepare exams according to preferred criteria. Python, Django, Mysql |
| EDUCATION | M.S., Computer Engineering Middle East Technical University, Ankara, Turkey |
| | B.S., Computer Engineering (Graduation: June 2016) Middle East Technical University, Ankara, Turkey |
| TECHNICAL EXPERIENCE | Pwner (January 2014 - Present) <i>www.0xdefbeef.com</i> <ul style="list-style-type: none">Practicing information security topics, organizing and participating Capture the Flag Competitions. |
| | Checkmate (September 2014 - January 2015) <i>CheckmateChess.github.io</i> <ul style="list-style-type: none">Web application for playing chess running GNUChess in the background. |

Hypnos

(September 2015 - Present)

senior.ceng.metu.edu.tr/2016/newline

- Personalized sleep tracking and analyzing system that focuses on optimizing people's sleep. **Arduino, Raspberry Pi, Android, Python, Django, Machine Learning**

AWARDS & HONORS

- **First Place**, CTF, Prodaft/Invictus Europe, Turkey, May 2016
- **First Place**, CTF, STM Defence Technologies & Engineering Inc., Turkey, Oct 2015
- **First Place**, Web Application CTF, Ankara University & Octosec Information Security Team, Turkey, May 2014
- **First Place of Turkey**, 67th Team of All, IEEEExtreme Programming Competition 9.0, Oct 2015
- **Second Place**, among foreign participants, Open All-Ukrainian Collegiate Programming Contest, Ukraine, Oct 2014
- **Honorable Mention**, Hash Code, Google, Feb 2016
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2014
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 7.0, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 6.0, Oct 2012
- **Honorable Mention**, IEEEExtreme Programming Competition 5.0, Oct 2011
- **High Honor Student**, METU Computer Engineering, Feb 2016
- **Certificate**, MCNA - Network(Fast), Middle East Technical University - Continuous Education Center, May 2014

EXTRA-CURRICULAR ACTIVITIES

- Active member of METU-CENG ACM Student Chapter
- SAYOKAN (Turkish Martial Art)
- Student Member of IEEE (2011-Present)
- Student Member of ACM (2013-Present)